

CLAIMS

1. A reinforcing member which is integrally cast with a cast metal, comprising:
 - a material which is different from the cast metal; and
 - a hollow portion.
2. The reinforcing member according to claim 1, the reinforcing member comprising:
 - a stacked structure having plated members;
 - openings formed at the plated members, the openings forming the hollow portion; and
 - members laminated on both surfaces of the stacked structure and covering the openings.
3. The reinforcing member according to claim 1 or 2, the reinforcing member comprising:
 - a porous body covering a portion of the reinforcing member or overall surfaces of the reinforcing member.
4. The reinforcing member according to claim 3, wherein the porous body is composed of a porous fibrous material of metal fiber.

5. An engine block comprising:

a journal portion for which the reinforcing member recited in one of claims 1 to 4 is used.

6. A production method for a reinforcing member which is integrally cast with the cast metal, comprising:

stacking plated members having openings; and

laminating the plated members on an upper member and a lower member of the stacked plated members so as to cover the openings.

7. The production method for a reinforcing member according to claim 6, wherein the production method further comprising:

covering a portion of the reinforcing member or overall surfaces of the reinforcing member with a porous body.

8. The production method for a reinforcing member according to claim 7, wherein the porous body is composed of a porous fibrous material of metal fiber.